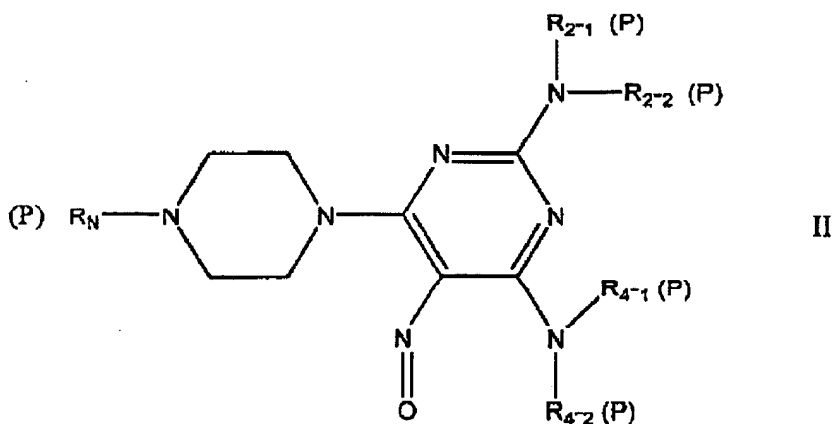


Amendment to the Claims:

1. (previously presented) A piperazinyl pyrimidinyl nitroso compound of the formula (II)



where (P)-R_N is:

-N=O,

(P)-R_{N-1}-O-OC-(CH₂)_{n1}- where n₁ is 1 through 6 and (P)-R_{N-1} is H- or C₁-

C₄ alkyl,

or C₁-C₆ alkyl;

where (P)-R₂₋₁ is:

-N=O or

C₁-C₆ alkyl;

where (P)-R₂₋₂ is:

C₁-C₆ alkyl; or

where (P)-R₂₋₁ and (P)-R₂₋₂ are taken together with the attached nitrogen atom to

form a ring selected from the group consisting of: pyrrolidinyl,

piperidinyl, homopiperidinyl, morpholinyl, and 4-nitroso-1-piperazinyl;

where (P)-R₄₋₁ is

-N=O or

C₁-C₆ alkyl;

where (P)-R₄₋₂ is

C₁-C₆ alkyl; or

where (P)-R₄₋₁ and (P)-R₄₋₂ are taken together with the attached nitrogen atom to form a ring selected from the group consisting of: pyrrolidinyl, piperidinyl, homopiperidinyl, morpholinyl, and 4-nitroso-1-piperazinyl; or a pharmaceutically acceptable salt thereof.

2. (original) A piperazinyl pyrimidinyl nitroso compound according to claim 1 where the variable substituents (P)-R₂₋₁ and (P)-R₂₋₂ are the same as the variable substituents (P)-R₄₋₁ and (P)-R₄₋₂.
3. (original) A piperazinyl pyrimidinyl nitroso compound according to claim 1 where (P)-R₂₋₁ and (P)-R₂₋₂, and (P)-R₄₋₁ and (P)-R₄₋₂ are both taken together with the attached nitrogen atom to form pyrrolidinyl.
4. (original) A piperazinyl pyrimidinyl nitroso compound according to claim 1 which contains 3 -N=O groups.
5. (original) A piperazinyl pyrimidinyl nitroso compound according to claim 1 which contains 4 -N=O groups.
6. (previously presented) A piperazinyl pyrimidinyl nitroso compound according to claim 1 where the pharmaceutically acceptable salt is selected from the group consisting of salts of the following acids: acetic, aspartic, benzenesulfonic, benzoic, bicarbonic, bisulfuric, biartaric, butyric, calcium edetate, camsylic, carbonic, chlorobenzoic, citric, edetic, edisylic, estolic, esyl, esylic, formic, fumaric, gluceptic, gluconic, glutamic, glycolylarsanilic, hexamic, hexylresorcinic, hydrabamic, hydrobromic, hydrochloric, hydroiodic, hydroxynaphthoic, isethionic, lactic, lactobionic, maleic, malic, malonic, mandelic, methanesulfonic, methylnitric, methylsulfuric, mucic, muconic, napsylic, nitric, oxalic, p-nitromethanesulfonic, pamoic, pantothenic, phosphoric,

monohydrogen phosphoric, dihydrogen phosphoric, phthalic, polygalacturonic, propionic, salicylic, stearic, succinic, sulfamic, sulfanilic, sulfonic, tannic, tartaric, teoclic, and toluenesulfonic.

7. (original) A piperazinyl pyrimidinyl nitroso compound according to claim 1 where (P)-R_N is -N=O.
8. (previously presented) A piperazinyl pyrimidinyl nitroso compound according to claim 7 where the compound is 5-nitroso-2,4-di(1-pyrrolidinyl)-6-(4-nitroso-1-piperazinyl)pyrimidine.
9. (original) A piperazinyl pyrimidinyl nitroso compound according to claim 1 where (P)-R_N is (P)-R_{N-1}-O-OC-(CH₂)_{n1}-.
10. (original) A piperazinyl pyrimidinyl nitroso compound according to claim 9 where the piperazinyl pyrimidinyl nitroso compound is 5-nitroso-2,4-di(1-pyrrolidinyl)-6-[4-(3-propionic acid methyl ester)piperazin-1-yl]pyrimidine.
- 11-18. (canceled)